Name : _____

Expand: Algebraic Identities

Expand each expression using algebraic identities.

1) $\left(\dfrac{m}{8} + 3n\right)\left(\dfrac{m}{8} + 5n\right)$

2) $\left(d + \dfrac{6}{5}\right)\left(d - \dfrac{6}{5}\right)$

3) $(3.7r - 2)^2$

5) $(c - 1)\,(c + $

7) $(6g - 1.7h)$

9) $\left(x - y + \dfrac{z}{2}\right)^2$

10) $\left(\dfrac{a}{6} + b\right)^2$